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# EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

## DECEMBER, 1985

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS AND EARNINGS
Volume 35, Number 17

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DURING NOVEMBER 1985

## Another Employment Record

VIRGINIA'S NONAGRICULTURAL EMPLOYMENT ROSE 8,900 BETWEEN OCTOBER AND NOVEMBER 1985 TO 2,475,000 - AN ALL-TIME HIGH. The current figure is 100,400 above that of November 1984. Seasonal pressures were felt in many segments, and both ups and downs in worker employment occurred. Preparations for the year-end holiday buying season and stepped-up activity in state and local school systems pushed trade and government employment to new heights. Downturns in the services and construction divisions were primarily seasonal in nature. Manufacturing's demise was partially seasonal, but was to some extent, the result of Hurricane Juan flooding that inundated the Commonwealth. A recent announcement by the Virginia Department of Economic Development of businesses that plan to expand or open in Virginia in the future stated that 19,439 people should be put to work. The largest increase would occur in nonmanufacturing industries as 10,530 jobs are expected to be created. The department expect 8,909 new manufacturing jobs as a result of 90 company expansions and 53 new plants that are planned.

TRADE EMPLOYMENT REACHED AN ALL-TIME HIGH DURING NOVEMBER 1985 WHEN 563,600 PERSONS WERE ON PAYROLLS OF MERCHANTS IN VIRGINIA. This was 8,800 more than the October 1985 figure and 30,800 ahead of a year earlier. The release of workers by wholesalers softened retail gains by 500. In the retail segment, department stores, apparel shops, furniture stores, as well as gift and novelty stores, added temporary workers in anticipation of the busy, year-end, holiday buying season. While national forecasts of sales remained weak, shopkeepers are looking forward to Christmas sales being as strong as they were in 1984.

GOVERNMENT EMPLOYMENT ALSO FORGED AHEAD TO NEW LEVELS DURING NOVEMBER 1985. The over-the-month rise of 5,200 pushed the work force to 533,300. All segments of this sector (federal, state, and local) contributed to the monthly increase. Federal government's increase of 400 was the smallest and was centered in defense agencies. The bulk of both state and local government's rise was in school systems. State government registered a plus 1,300 and a 3,500 increase was recorded in local government. Approximately 21.5 percent of Virginia's nonfarm employment is in the governmental sectors. In 1980, government workers composed about 24 percent of nonagricultural employment.

SEASONAL INFLUENCES WERE EVIDENT IN BOTH SERVICES AND CONSTRUCTION. Declines in services were centered in hotels and motels, as well as amusement centers, as tourism abated. One of the amusement parks in Virginia was closed due to flooding. Some of these declines were counter-balanced by hospitals and business

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 2,475.0 | 2,466.1 | 2,374.6 | 8.9 | 100.4 |
| MANUFACTURING | 421.8 | 422.8 | 422.3 | - 1.0 | - .5 |
| DURABLE GOODS | 194.8 | 195.3 | 196.0 | - .5 | - 1.2 |
| LUMBER AND WOOD PRODUCTS | 23.0 | 23.2 | 22.3 | - .2 | .7 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 6.4 | 6.4 | 6.0 | .0 | .4 |
| WOOD CONTAINERS | 1.7 | 1.8 | 1.7 | - .1 | .0 |
| FURNITURE AND FIXTURES | 23.3 | 23.2 | 23.9 | .1 | - .6 |
| HOUSEHOLD AND OFFICE FURNITURE | 22.1 | 22.1 | 22.8 | .0 | - .7 |
| STONE, CLAY & GLASS PRODUCTS | 14.4 | 14.5 | 13.6 | - .1 | .8 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 6.8 | 6.6 | 6.3 | .2 | .5 |
| PRIMARY METAL INDUSTRIES | 10.0 | 10.3 | 10.9 | - .3 | - .9 |
| FABRICATED METAL PRODUCTS | 18.7 | 18.7 | 19.0 | .0 | - .3 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 11.5 | 11.6 | 11.7 | - .1 | - .2 |
| MACHINERY EXCEPT ELECTRICAL | 14.6 | 14.4 | 15.5 | .2 | - .9 |
| CONSTRUCTION AND RELATED MACHINERY | 4.0 | 4.0 | 4.2 | .0 | - .2 |
| SPECIAL INDUSTRY MACHINERY | 1.6 | 1.6 | 1.6 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 40.4 | 40.4 | 41.7 | .0 | - 1.3 |
| COMMUNICATION EQUIPMENT | 15.8 | 15.9 | 14.4 | - .1 | 1.4 |
| TRANSPORTATION EQUIPMENT | 43.8 | 43.7 | 42.6 | .1 | 1.2 |
| INSTRUMENTS & RELATED PRODUCTS | 3.3 | 3.5 | 3.6 | - .2 | - .3 |
| MISC. MANUFACTURING INDUSTRIES | 3.3 | 3.4 | 3.6 | - .1 | - .3 |
| NONDURABLE GOODS | 227.0 | 227.5 | 226.3 | - .5 | .7 |
| FOOD & KINDRED PRODUCTS | 40.8 | 40.5 | 40.7 | .3 | .1 |
| MEAT PRODUCTS | 13.3 | 13.1 | 13.0 | .2 | .3 |
| DAIRY PRODUCTS | 2.3 | 2.3 | 2.4 | .0 | - .1 |
| BEVERAGES | 5.5 | 5.4 | 5.5 | .1 | .0 |
| TOBACCO MANUFACTURES | 17.4 | 18.7 | 16.5 | - 1.3 | .9 |
| TEXTILE MILL PRODUCTS | 41.2 | 41.1 | 41.7 | .1 | - .5 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 14.0 | 13.9 | 15.9 | .1 | - 1.9 |
| NARROW FABRIC MILLS | 1.1 | 1.1 | 0.9 | .0 | .2 |
| KNITTING MILLS | 17.6 | 17.5 | 16.3 | .1 | 1.3 |
| TEXTILE FINISHING EXCEPT WOOL | 3.6 | 3.5 | 3.3 | .1 | .3 |
| MISC. TEXTILE GOODS | 1.4 | 1.4 | 1.4 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 31.8 | 31.9 | 31.9 | - .1 | - .1 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 10.4 | 10.1 | 10.1 | .3 | .3 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 17.5 | 17.6 | 17.7 | - .1 | - .2 |
| PAPER & ALLIED PRODUCTS | 15.8 | 15.7 | 15.5 | .1 | .3 |
| PULP, PAPER & PAPERBOARD | 8.1 | 8.0 | 8.0 | .1 | .1 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 7.3 | 7.4 | 7.2 | - .1 | .1 |
| PAPERBOARD CONTAINERS AND BOXES | 4.0 | 4.0 | 3.8 | .0 | .2 |
| PRINTING AND PUBLISHING | 30.5 | 30.0 | 28.9 | .5 | 1.6 |
| NEWSPAPER AND PERIODICALS | 12.7 | 12.3 | 11.6 | .4 | 1.1 |
| COMMERCIAL PRINTING | 11.7 | 11.6 | 11.5 | .1 | .2 |
| CHEMICALS & ALLIED PRODUCTS | 30.5 | 30.8 | 32.7 | - .3 | - 2.2 |
| PLASTICS MATERIALS AND SYNTHETICS | 17.2 | 17.4 | 18.5 | - .2 | - 1.3 |
| MISC. CHEMICAL PRODUCTS | 5.2 | 5.2 | 5.2 | .0 | .0 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 15.7 | 15.6 | 15.4 | .1 | .3 |
| MISC. PLASTICS PRODUCTS | 9.2 | 9.2 | 9.0 | .0 | .2 |
| LEATHER & LEATHER PRODUCTS | 3.2 | 3.2 | 3.0 | .0 | .2 |

(Continued on page 3)

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

*(Continued from page 2)*

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 2,475.0 | 2,466.1 | 2,374.6 | 8.9 | 100.4 |
| MANUFACTURING | 421.8 | 422.8 | 422.3 | - 1.0 | - .5 |
| DURABLE GOODS | 194.8 | 195.3 | 196.0 | - .5 | - 1.2 |
| LUMBER AND WOOD PRODUCTS | 23.0 | 23.2 | 22.3 | - .2 | .7 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 6.4 | 6.4 | 6.0 | .0 | .4 |
| WOOD CONTAINERS | 1.7 | 1.8 | 1.7 | - .1 | .0 |
| FURNITURE AND FIXTURES | 23.3 | 23.2 | 23.9 | .1 | - .6 |
| HOUSEHOLD AND OFFICE FURNITURE | 22.1 | 22.1 | 22.8 | .0 | - .7 |
| STONE, CLAY & GLASS PRODUCTS | 14.4 | 14.5 | 13.6 | - .1 | .8 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 6.8 | 6.6 | 6.3 | .2 | .5 |
| PRIMARY METAL INDUSTRIES | 10.0 | 10.3 | 10.9 | - .3 | - .9 |
| FABRICATED METAL PRODUCTS | 18.7 | 18.7 | 19.0 | .0 | - .3 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 11.5 | 11.6 | 11.7 | - .1 | - .2 |
| MACHINERY EXCEPT ELECTRICAL | 14.6 | 14.4 | 15.5 | .2 | - .9 |
| CONSTRUCTION AND RELATED MACHINERY | 4.0 | 4.0 | 4.2 | .0 | - .2 |
| SPECIAL INDUSTRY MACHINERY | 1.6 | 1.6 | 1.6 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 40.4 | 40.4 | 41.7 | .0 | - 1.3 |
| COMMUNICATION EQUIPMENT | 15.8 | 15.9 | 14.4 | - .1 | 1.4 |
| TRANSPORTATION EQUIPMENT | 43.8 | 43.7 | 42.6 | .1 | 1.2 |
| INSTRUMENTS & RELATED PRODUCTS | 3.3 | 3.5 | 3.6 | - .2 | - .3 |
| MISC. MANUFACTURING INDUSTRIES | 3.3 | 3.4 | 3.4 | - .1 | - .1 |
| NONDURABLE GOODS | 227.0 | 227.5 | 226.3 | - .5 | .7 |
| FOOD & KINDRED PRODUCTS | 40.8 | 40.5 | 40.7 | .3 | .1 |
| MEAT PRODUCTS | 13.3 | 13.1 | 13.0 | .2 | .3 |
| DAIRY PRODUCTS | 2.3 | 2.3 | 2.4 | .0 | - .1 |
| BEVERAGES | 5.5 | 5.4 | 5.5 | .1 | .0 |
| TOBACCO MANUFACTURES | 17.4 | 18.7 | 16.5 | - 1.3 | .9 |
| TEXTILE MILL PRODUCTS | 41.2 | 41.1 | 41.7 | .1 | - .5 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 14.0 | 13.9 | 15.9 | .1 | - 1.9 |
| NARROW FABRIC MILLS | 1.1 | 1.1 | 0.9 | .0 | .2 |
| KNITTING MILLS | 17.6 | 17.5 | 16.3 | .1 | 1.3 |
| TEXTILE FINISHING EXCEPT WOOL | 3.6 | 3.5 | 3.3 | .1 | .3 |
| MISC. TEXTILE GOODS | 1.4 | 1.4 | 1.4 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 31.8 | 31.9 | 31.9 | - .1 | - .1 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 10.4 | 10.1 | 10.1 | .3 | .3 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 17.5 | 17.6 | 17.7 | - .1 | - .2 |
| AMUSEMENT AND RECREATION SERVICES | 13.0 | 15.7 | 12.2 | - 2.7 | .8 |
| HEALTH SERVICES | 126.6 | 126.1 | 123.3 | .5 | 3.3 |
| HOSPITALS | 65.5 | 65.1 | 64.2 | .4 | 1.3 |
| EDUCATIONAL SERVICES | 25.5 | 25.2 | 24.4 | .3 | 1.1 |
| GOVERNMENT | 533.3 | 528.1 | 518.9 | 5.2 | 14.4 |
| FEDERAL GOVERNMENT | 173.2 | 172.8 | 168.8 | .4 | 4.4 |
| STATE & LOCAL GOVERNMENT | 360.0 | 355.2 | 350.1 | 4.8 | 9.9 |
| STATE GOVERNMENT | 125.7 | 124.4 | 121.1 | 1.3 | 4.6 |
| LOCAL GOVERNMENT | 234.3 | 230.8 | 228.9 | 3.5 | 5.4 |

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1984 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONFARM EMPLOYMENT AT RECORD LEVELS
DURING NOVEMBER 1985
(Continued from page 1)

service firms adding to staff. The construction industry followed its normal November trend. While employment in this sector remains above year-ago levels, all phases of construction noted downturns between mid-October and mid-November 1985.

THE NUMBER OF PERSONS EMPLOYED IN MANUFACTURING PLANTS IN VIRGINIA DECLINED 1,000 OVER THE MONTH. The November estimate of 421,800 was 500 below the November 1984 worker total. The over-the-month drop was evenly divided between durable and nondurable goods producers. The release of temporary seasonal workers by stemming and redrying plants in the tobacco industry dominated nondurable goods and overshadowed increases recorded by food processors and printing firms. Declines among durable goods producers were relatively small but widespread. The largest downturn occurred in the primary metal segment. Numerous factories experienced complete or partial shutdowns due to the November flood. While flooding caused layoffs in numerous plants, many others needed to work longer hours to clean up and prepare for re-openings. Virginia's 320,500 production workers worked an average of 41.1 hours during the November 1985 survey week. This was six-tenths of an hour longer than in October 1985 and eight-tenths of an hour longer than a year ago. Average hourly earnings at $8.70 were up $.09 over the month and up $.46 over the previous November. Average weekly earnings stood at $357.57 in November 1985 and were $8.86 more than October's average and $25.30 above the prior year's average.

THE CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U) INCREASED 0.3 PERCENT BEFORE SEASONAL ADJUSTMENT IN NOVEMBER TO A LEVEL OF 326.6 (1967 = 100), THE BUREAU OF LABOR STATISTICS OF THE U. S. DEPARTMENT OF LABOR REPORTED. For the 12-month period ended in November, the CPI-U increased 3.6 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) also rose 0.4 percent in November, prior to seasonal adjustment. The November 1985 CPI-W level of 322.6 was 3.4 percent higher than the index in October 1984. The Consumer Price Index for December 1985 will be released January 22, 1986, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1975-1984
JANUARY 1981 TO DATE
(IN THOUSANDS)

| Year & Month | Total 1/ | Manufacturing | Mining | Construction | Transportation & Public Utilities | Wholesale & Retail Trade | Finance, Insurance & Real Estate | Services | Gov't. 1/ |
|---|---|---|---|---|---|---|---|---|---|
| Annual Avg | | | | | | | | | |
| 1975 | 1,778.7 | 371.5 | 20.9 | 112.0 | 102.6 | 368.0 | 84.0 | 296.9 | 422.8 |
| 1976 | 1,848.1 | 387.7 | 21.8 | 111.8 | 104.4 | 386.7 | 86.3 | 312.8 | 436.6 |
| 1977 | 1,930.4 | 400.8 | 22.0 | 119.0 | 105.9 | 405.6 | 91.7 | 331.8 | 453.6 |
| 1978 | 2,033.5 | 409.4 | 20.5 | 130.2 | 107.6 | 428.1 | 97.1 | 357.9 | 482.7 |
| 1979 | 2,115.0 | 413.8 | 23.3 | 138.4 | 114.2 | 443.9 | 104.4 | 383.5 | 493.5 |
| 1980 | 2,157.2 | 413.8 | 22.7 | 128.3 | 115.8 | 451.2 | 105.9 | 408.3 | 511.2 |
| 1981 | 2,160.8 | 414.0 | 21.7 | 116.3 | 117.6 | 460.4 | 106.1 | 418.3 | 506.6 |
| 1982 | 2,146.4 | 397.2 | 22.1 | 103.8 | 119.0 | 462.4 | 106.9 | 434.8 | 500.1 |
| 1983 | 2,206.9 | 403.6 | 17.4 | 113.9 | 120.4 | 480.2 | 110.1 | 460.4 | 500.9 |
| 1984 | 2,325.0 | 420.1 | 18.1 | 131.8 | 127.6 | 513.0 | 117.2 | 492.8 | 504.4 |
| 1981: | | | | | | | | | |
| January | 2,124.0 | 411.4 | 22.5 | 108.9 | 114.4 | 451.0 | 104.5 | 399.7 | 511.6 |
| February | 2,122.4 | 411.1 | 22.6 | 108.3 | 114.5 | 447.4 | 104.3 | 400.4 | 513.8 |
| March | 2,140.0 | 413.0 | 22.7 | 113.0 | 115.0 | 448.7 | 105.1 | 406.8 | 515.8 |
| April | 2,153.3 | 414.0 | 13.1 | 118.6 | 115.8 | 454.9 | 105.1 | 416.7 | 515.2 |
| May | 2,168.8 | 414.9 | 13.1 | 120.9 | 115.6 | 460.3 | 106.0 | 420.7 | 517.3 |
| June | 2,193.0 | 416.3 | 22.6 | 122.9 | 118.6 | 462.8 | 107.9 | 427.1 | 514.9 |
| July | 2,178.4 | 413.0 | 23.1 | 123.7 | 120.4 | 463.0 | 108.8 | 428.5 | 497.9 |
| August | 2,179.9 | 416.2 | 23.5 | 121.7 | 120.2 | 464.5 | 108.5 | 431.1 | 494.0 |
| September | 2,172.2 | 418.2 | 24.0 | 118.6 | 119.8 | 464.5 | 107.3 | 428.0 | 491.7 |
| October | 2,164.9 | 414.8 | 24.5 | 116.3 | 119.3 | 465.0 | 105.1 | 422.1 | 498.0 |
| November | 2,165.1 | 413.6 | 24.4 | 112.8 | 118.9 | 467.3 | 104.9 | 419.9 | 503.3 |
| December | 2,167.5 | 411.0 | 24.6 | 109.4 | 118.5 | 474.8 | 105.5 | 418.7 | 505.1 |
| 1982: | | | | | | | | | |
| January | 2,104.1 | 400.8 | 24.1 | 93.4 | 117.0 | 452.0 | 104.4 | 413.5 | 499.0 |
| February | 2,104.3 | 400.8 | 23.8 | 94.1 | 116.8 | 447.1 | 104.5 | 416.7 | 500.5 |
| March | 2,115.1 | 398.1 | 24.0 | 96.8 | 116.7 | 447.2 | 104.7 | 422.2 | 505.4 |
| April | 2,149.2 | 397.4 | 24.6 | 102.9 | 118.8 | 456.1 | 106.1 | 432.8 | 510.6 |
| May | 2,160.4 | 396.3 | 24.0 | 107.0 | 119.8 | 460.6 | 106.9 | 435.1 | 510.7 |
| June | 2,180.2 | 397.6 | 22.5 | 108.3 | 120.7 | 463.6 | 108.6 | 444.6 | 514.3 |
| July | 2,152.9 | 395.6 | 21.9 | 109.6 | 119.8 | 466.0 | 108.9 | 446.7 | 484.3 |
| August | 2,153.9 | 396.0 | 21.6 | 109.1 | 120.5 | 467.4 | 108.8 | 446.8 | 483.8 |
| September | 2,159.2 | 398.1 | 21.3 | 108.1 | 120.0 | 467.7 | 108.0 | 445.4 | 490.6 |
| October | 2,156.1 | 398.2 | 20.5 | 106.7 | 119.8 | 467.8 | 106.9 | 440.0 | 496.2 |
| November | 2,160.4 | 395.0 | 19.6 | 106.1 | 119.2 | 472.8 | 107.3 | 437.2 | 503.3 |
| December | 2,161.2 | 392.9 | 17.8 | 103.5 | 119.2 | 480.9 | 107.5 | 436.9 | 502.4 |
| 1983: | | | | | | | | | |
| January | 2,121.8 | 388.5 | 20.3 | 97.2 | 117.8 | 459.7 | 105.8 | 437.8 | 498.1 |
| February | 2,115.9 | 388.8 | 16.5 | 95.8 | 116.6 | 450.1 | 106.0 | 438.8 | 503.4 |
| March | 2,139.6 | 391.6 | 16.6 | 99.6 | 118.2 | 455.8 | 106.5 | 446.4 | 504.9 |
| April | 2,173.0 | 396.4 | 17.0 | 106.6 | 119.7 | 466.5 | 108.1 | 454.7 | 504.0 |
| May | 2,200.7 | 399.3 | 17.2 | 111.8 | 120.7 | 473.7 | 109.2 | 459.6 | 509.2 |
| June | 2,240.5 | 404.9 | 17.5 | 117.6 | 122.4 | 479.5 | 112.0 | 469.3 | 517.4 |
| July | 2,237.8 | 407.6 | 17.7 | 122.3 | 123.0 | 490.8 | 113.5 | 475.5 | 487.3 |
| August | 2,226.2 | 408.3 | 17.9 | 124.2 | 112.7 | 492.4 | 113.7 | 476.0 | 480.9 |
| September | 2,259.9 | 413.5 | 18.1 | 124.4 | 123.5 | 494.9 | 112.5 | 477.5 | 495.6 |
| October | 2,248.9 | 414.7 | 18.0 | 123.6 | 123.2 | 494.0 | 111.1 | 464.7 | 499.7 |
| November | 2,255.6 | 415.6 | 17.9 | 123.0 | 122.7 | 498.5 | 110.7 | 461.8 | 505.3 |
| December | 2,263.1 | 414.6 | 17.9 | 120.6 | 124.4 | 506.9 | 111.5 | 462.6 | 504.7 |
| 1984: | | | | | | | | | |
| January | 2,238.0 | 411.8 | 17.9 | 114.1 | 122.6 | 491.5 | 113.3 | 464.9 | 501.9 |
| February | 2,243.9 | 413.7 | 17.8 | 114.6 | 123.2 | 487.0 | 113.4 | 469.1 | 505.1 |
| March | 2,268.3 | 416.2 | 18.1 | 118.3 | 123.8 | 494.4 | 114.5 | 477.2 | 505.7 |
| April | 2,297.4 | 417.8 | 18.5 | 124.7 | 125.6 | 501.7 | 115.8 | 488.4 | 504.8 |
| May | 2,327.3 | 418.9 | 18.8 | 130.9 | 127.0 | 510.0 | 116.9 | 495.5 | 509.4 |
| June | 2,362.7 | 423.5 | 19.3 | 138.4 | 129.2 | 514.6 | 119.8 | 506.0 | 512.0 |
| July | 2,332.5 | 420.8 | 19.4 | 141.6 | 129.5 | 519.7 | 120.9 | 504.2 | 476.4 |
| August | 2,339.5 | 423.0 | 18.9 | 141.5 | 130.1 | 517.5 | 120.8 | 505.1 | 482.6 |
| September | 2,362.2 | 426.1 | 18.5 | 140.1 | 129.8 | 518.9 | 119.1 | 506.9 | 502.7 |
| October | 2,368.2 | 424.7 | 17.3 | 140.3 | 130.1 | 525.1 | 117.2 | 500.3 | 513.2 |
| November | 2,374.6 | 422.3 | 16.2 | 139.1 | 130.1 | 532.8 | 117.1 | 498.1 | 518.9 |
| December | 2,385.8 | 422.4 | 16.6 | 137.6 | 130.9 | 543.2 | 117.7 | 497.3 | 519.9 |
| 1985: | | | | | | | | | |
| January | 2,355.5 | 419.3 | 16.5 | 132.7 | 129.8 | 527.6 | 117.4 | 495.7 | 516.4 |
| February | 2,351.8 | 418.2 | 17.1 | 130.1 | 129.0 | 519.6 | 117.7 | 499.6 | 520.4 |
| March | 2,373.2 | 417.8 | 17.2 | 137.3 | 128.7 | 525.1 | 119.3 | 504.8 | 522.9 |
| April | 2,396.0 | 418.5 | 17.3 | 143.5 | 129.5 | 529.1 | 119.3 | 515.7 | 523.1 |
| May | 2,420.3 | 417.0 | 17.5 | 148.9 | 130.5 | 538.3 | 120.2 | 521.7 | 526.2 |
| June | 2,448.7 | 419.0 | 17.8 | 153.8 | 132.0 | 542.7 | 123.2 | 529.8 | 530.6 |
| July | 2,411.3 | 414.0 | 17.7 | 156.9 | 132.4 | 543.6 | 124.9 | 531.7 | 490.1 |
| August | 2,415.1 | 419.5 | 17.4 | 157.1 | 132.2 | 542.1 | 125.2 | 532.5 | 489.1 |
| September | 2,446.4 | 422.3 | 17.6 | 155.1 | 131.8 | 543.8 | 123.3 | 531.1 | 521.6 |
| October | 2,466.1 | 422.8 | 17.4 | 155.2 | 132.0 | 554.8 | 122.8 | 533.0 | 528.1 |
| November | 2,475.0 | 421.8 | 17.3 | 152.9 | 132.0 | 563.6 | 123.3 | 530.9 | 533.3 |

See footnote Table A-1.

# ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 1,117.9 | 1,109.5 | 1,061.5 | 8.4 | 56.4 |
| MANUFACTURING | 149.6 | 150.2 | 150.4 | - .6 | - .8 |
| DURABLE GOODS | 50.7 | 50.8 | 50.4 | - .1 | .3 |
| LUMBER AND WOOD PRODUCTS | 4.4 | 4.5 | 4.2 | - .1 | .2 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 1.9 | 1.9 | 1.7 | .0 | .2 |
| WOOD CONTAINERS | 0.4 | 0.4 | 0.4 | .0 | .0 |
| FURNITURE AND FIXTURES | 8.5 | 8.5 | 8.9 | .0 | - .4 |
| HOUSEHOLD AND OFFICE FURNITURE | 8.2 | 8.2 | 8.6 | .0 | - .4 |
| STONE, CLAY & GLASS PRODUCTS | 1.9 | 1.9 | 1.7 | .0 | .2 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 0.5 | 0.5 | 0.4 | .0 | .1 |
| PRIMARY METAL INDUSTRIES | 2.3 | 2.3 | 2.2 | .0 | .1 |
| FABRICATED METAL PRODUCTS | 3.3 | 3.3 | 3.3 | .0 | .0 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.3 | 1.3 | 1.1 | .0 | .2 |
| MACHINERY EXCEPT ELECTRICAL | 2.7 | 2.6 | 2.7 | .1 | .0 |
| CONSTRUCTION AND RELATED MACHINERY | 0.4 | 0.4 | 0.5 | .0 | - .1 |
| SPECIAL INDUSTRY MACHINERY | 0.2 | 0.2 | 0.2 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 18.1 | 18.0 | 18.3 | .1 | - .2 |
| COMMUNICATION EQUIPMENT | 7.4 | 7.5 | 6.6 | - .1 | .8 |
| TRANSPORTATION EQUIPMENT | 6.4 | 6.4 | 6.2 | .0 | .2 |
| INSTRUMENTS & RELATED PRODUCTS | 1.9 | 1.9 | 1.9 | .0 | .0 |
| MISC. MANUFACTURING INDUSTRIES | 1.3 | 1.3 | 1.1 | .0 | .2 |
| NONDURABLE GOODS | 98.9 | 99.5 | 100.0 | - .6 | - 1.1 |
| FOOD & KINDRED PRODUCTS | 15.0 | 15.0 | 16.4 | .0 | - 1.4 |
| MEAT PRODUCTS | 5.9 | 5.8 | 6.1 | .1 | - .2 |
| DAIRY PRODUCTS | 0.5 | 0.5 | 0.5 | .0 | .0 |
| BEVERAGES | 0.8 | 0.8 | 0.8 | .0 | .0 |
| TOBACCO MANUFACTURES | 5.2 | 5.7 | 5.9 | - .5 | - .2 |
| TEXTILE MILL PRODUCTS | 23.6 | 23.5 | 23.9 | .1 | - .3 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 6.4 | 6.4 | 7.3 | .0 | - .9 |
| NARROW FABRIC MILLS | 0.6 | 0.6 | 0.5 | .0 | .1 |
| KNITTING MILLS | 12.9 | 12.8 | 12.3 | .1 | .6 |
| TEXTILE FINISHING EXCEPT WOOL | 1.4 | 1.4 | 1.3 | .0 | .1 |
| MISC. TEXTILE GOODS | 0.5 | 0.5 | 0.5 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 27.8 | 27.8 | 28.2 | .0 | - .4 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 9.4 | 9.2 | 9.3 | .2 | .1 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 16.0 | 16.1 | 16.1 | - .1 | - .1 |
| PAPER & ALLIED PRODUCTS | 2.9 | 3.0 | 2.8 | - .1 | .1 |
| PULP, PAPER & PAPERBOARD | 0.9 | 0.9 | 0.9 | .0 | .0 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 2.0 | 2.0 | 1.9 | .0 | .1 |
| PAPERBOARD CONTAINERS AND BOXES | 0.8 | 0.8 | 0.7 | .0 | .1 |
| PRINTING AND PUBLISHING | 10.4 | 10.3 | 9.4 | .1 | 1.0 |
| NEWSPAPER AND PERIODICALS | 4.6 | 4.5 | 4.1 | .1 | .5 |
| COMMERCIAL PRINTING | 2.9 | 2.9 | 2.6 | .0 | .3 |
| CHEMICALS & ALLIED PRODUCTS | 8.3 | 8.5 | 8.9 | - .2 | - .6 |
| PLASTICS MATERIALS AND SYNTHETICS | 4.4 | 4.5 | 4.7 | - .1 | - .3 |
| MISC. CHEMICAL PRODUCTS | 1.1 | 1.1 | 1.1 | .0 | .0 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 3.3 | 3.4 | 3.4 | - .1 | - .1 |
| MISC. PLASTICS PRODUCTS | 2.5 | 2.6 | 2.6 | - .1 | - .1 |
| LEATHER & LEATHER PRODUCTS | 2.3 | 2.3 | 2.1 | .0 | .2 |

(Continued on page 7)

# ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

*(Continued from page 6)*

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | OCT. 1985 | NOV. 1984 |
| NONMANUFACTURING | 968.4 | 959.3 | 911.1 | 9.1 | 57.3 |
| MINING | 0.8 | 0.8 | 0.8 | .0 | .0 |
| BITUMINOUS COAL AND LIGNITE MINING | 0.6 | 0.6 | 0.6 | .0 | .0 |
| CONSTRUCTION | 11.5 | 11.9 | 10.4 | - .4 | 1.1 |
| TRANSPORTATION & PUBLIC UTILITIES | 39.2 | 39.1 | 37.9 | .1 | 1.3 |
| RAILROAD TRANSPORTATION | 1.7 | 1.7 | 1.8 | .0 | - .1 |
| TRUCKING & WAREHOUSING | 3.5 | 3.5 | 3.4 | .0 | .1 |
| TRANSPORTATION BY AIR | 6.7 | 6.6 | 5.9 | .1 | .8 |
| COMMUNICATION | 18.0 | 18.0 | 17.9 | .0 | .1 |
| ELECTRIC, GAS & SANITARY SERVICES | 4.6 | 4.6 | 4.5 | .0 | .1 |
| WHOLESALE & RETAIL TRADE | 263.3 | 257.0 | 246.2 | 6.3 | 17.1 |
| WHOLESALE TRADE | 31.7 | 31.6 | 29.5 | .1 | 2.2 |
| WHOLESALE TRADE - DURABLE GOODS | 20.1 | 19.8 | 18.5 | .3 | 1.6 |
| WHOLESALE TRADE - NONDURABLE GOODS | 11.6 | 11.8 | 10.9 | - .2 | .7 |
| RETAIL TRADE | 231.6 | 225.4 | 216.8 | 6.2 | 14.8 |
| GENERAL MERCHANDISE STORES | 48.2 | 43.7 | 43.2 | 4.5 | 5.0 |
| DEPARTMENT STORES | 37.9 | 34.1 | 34.1 | 3.8 | 3.8 |
| VARIETY STORES | 8.9 | 8.2 | 7.8 | .7 | 1.1 |
| FOOD STORES | 30.6 | 30.3 | 30.5 | .3 | .1 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 10.2 | 10.3 | 10.2 | - .1 | .0 |
| APPAREL & ACCESSORY STORES | 17.0 | 16.5 | 16.8 | .5 | .2 |
| FURNITURE AND HOME FURNISHING STORES | 9.3 | 9.2 | 8.7 | .1 | .6 |
| EATING & DRINKING PLACES | 78.0 | 78.2 | 72.0 | - .2 | 6.0 |
| MISCELLANEOUS RETAIL | 34.8 | 33.6 | 32.2 | 1.2 | 2.6 |
| FINANCE, INSURANCE AND REAL ESTATE | 74.8 | 74.3 | 70.1 | .5 | 4.7 |
| BANKING | 26.1 | 26.1 | 25.2 | .0 | .9 |
| CREDIT AGENCIES OTHER THAN BANKS | 13.4 | 13.1 | 11.8 | .3 | 1.6 |
| SECURITY, COMMODITY BROKERS & SERVICES | 1.5 | 1.5 | 1.4 | .0 | .1 |
| INSURANCE CARRIERS | 13.8 | 13.8 | 12.9 | .0 | .9 |
| REAL ESTATE | 13.1 | 13.1 | 11.8 | .0 | 1.3 |
| SERVICES | 303.0 | 303.9 | 281.5 | - .9 | 21.5 |
| HOTELS AND OTHER LODGING PLACES | 21.4 | 22.2 | 17.4 | - .8 | 4.0 |
| PERSONAL SERVICES | 20.2 | 20.2 | 1.5 | .0 | 2.7 |
| BUSINESS SERVICES | 57.4 | 57.4 | 51.7 | .0 | 5.7 |
| AUTO REPAIR SERVICES & GARAGES | 3.5 | 3.5 | 3.2 | .0 | .3 |
| MISC. REPAIR SERVICES | 1.9 | 1.9 | 1.8 | .0 | .1 |
| MOTION PICTURES | 1.4 | 1.4 | 1.8 | .0 | - .4 |
| AMUSEMENT AND RECREATION SERVICES | 5.8 | 6.9 | 5.3 | - 1.1 | .5 |
| HEALTH SERVICES | 104.8 | 104.3 | 101.1 | .5 | 3.7 |
| HOSPITALS | 54.3 | 54.1 | 53.0 | .2 | 1.3 |
| EDUCATIONAL SERVICES | 15.1 | 14.8 | 13.8 | .3 | 1.3 |
| GOVERNMENT | 275.7 | 272.3 | 264.1 | 3.4 | 11.6 |
| FEDERAL GOVERNMENT | 66.5 | 66.2 | 63.9 | .3 | 2.6 |
| STATE & LOCAL GOVERNMENT | 209.2 | 206.1 | 200.3 | 3.1 | 8.9 |
| STATE GOVERNMENT | 63.. | 62.6 | 61.0 | .6 | 2.2 |
| LOCAL GOVERNMENT | 146.1 | 143.5 | 139.3 | 2.6 | 6.8 |

See footnote Table A-1.

# ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| MANUFACTURING | 320.5 | 322.1 | 318.8 | - 1.6 | 1.7 |
| DURABLE GOODS | 145.6 | 146.4 | 147.1 | - .8 | - 1.5 |
| LUMBER AND WOOD PRODUCTS | 19.7 | 19.9 | 19.0 | - .2 | .7 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 5.3 | 5.2 | 4.8 | .1 | .5 |
| WOOD CONTAINERS | 1.6 | 1.6 | 1.5 | .0 | .1 |
| FURNITURE AND FIXTURES | 19.6 | 19.6 | 20.3 | .0 | - .7 |
| HOUSEHOLD AND OFFICE FURNITURE | 18.9 | 18.9 | 19.6 | .0 | - .7 |
| STONE, CLAY & GLASS PRODUCTS | 11.8 | 12.0 | 11.0 | - .2 | .8 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 5.5 | 5.4 | 5.1 | .1 | .4 |
| PRIMARY METAL INDUSTRIES | 5.9 | 6.2 | 6.1 | - .3 | - .2 |
| FABRICATED METAL PRODUCTS | 14.0 | 14.1 | 15.0 | - .1 | - 1.0 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 8.2 | 8.4 | 9.1 | - .2 | - .9 |
| MACHINERY EXCEPT ELECTRICAL | 10.2 | 10.1 | 11.1 | .1 | - .9 |
| CONSTRUCTION AND RELATED MACHINERY | 2.7 | 2.6 | 2.9 | .1 | - .2 |
| SPECIAL INDUSTRY MACHINERY | 0.7 | 0.7 | 0.7 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 22.4 | 22.3 | 23.6 | .1 | - 1.2 |
| COMMUNICATION EQUIPMENT | 8.8 | 8.9 | 8.3 | - .1 | .5 |
| TRANSPORTATION EQUIPMENT | 37.0 | 37.0 | 36.4 | .0 | .6 |
| INSTRUMENTS & RELATED PRODUCTS | 2.3 | 2.4 | 2.2 | - .1 | .1 |
| MISC. MANUFACTURING INDUSTRIES | 2.7 | 2.8 | 2.4 | - .1 | .3 |
| NONDURABLE GOODS | 174.9 | 175.7 | 171.7 | - .8 | 3.2 |
| FOOD & KINDRED PRODUCTS | 29.6 | 29.4 | 28.3 | .2 | 1.3 |
| MEAT PRODUCTS | 11.2 | 10.8 | 10.3 | .4 | .9 |
| DAIRY PRODUCTS | 1.3 | 1.3 | 1.3 | .0 | .0 |
| BEVERAGES | 2.5 | 2.4 | 2.4 | .1 | .1 |
| TOBACCO MANUFACTURES | 12.8 | 13.9 | 12.2 | - 1.1 | .6 |
| TEXTILE MILL PRODUCTS | 37.7 | 37.6 | 38.0 | .1 | - .3 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 12.4 | 12.3 | 14.1 | .1 | - 1.7 |
| NARROW FABRIC MILLS | 1.1 | 1.0 | 1.0 | .1 | .1 |
| KNITTING MILLS | 16.5 | 16.5 | 15.1 | .0 | 1.4 |
| TEXTILE FINISHING EXCEPT WOOL | 3.2 | 3.1 | 2.9 | .1 | .3 |
| MISC. TEXTILE GOODS | 1.2 | 1.1 | 1.1 | .1 | .1 |
| APPAREL & OTHER TEXTILE PRODUCTS | 28.8 | 28.9 | 29.0 | - .1 | - .2 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 9.6 | 9.4 | 9.3 | .2 | .3 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 15.9 | 16.0 | 16.1 | - .1 | - .2 |
| PAPER & ALLIED PRODUCTS | 12.0 | 11.9 | 11.6 | .1 | .4 |
| PULP, PAPER & PAPERBOARD | 5.4 | 5.3 | 5.2 | .1 | .2 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 6.2 | 6.3 | 6.0 | - .1 | .2 |
| PAPERBOARD CONTAINERS AND BOXES | 3.3 | 3.3 | 3.1 | .0 | .2 |
| PRINTING AND PUBLISHING | 17.3 | 17.2 | 16.2 | .1 | 1.1 |
| NEWSPAPER AND PERIODICALS | 3.8 | 3.8 | 3.6 | .0 | .2 |
| COMMERCIAL PRINTING | 9.4 | 9.3 | 8.8 | .1 | .6 |
| CHEMICALS & ALLIED PRODUCTS | 21.6 | 21.9 | 22.0 | - .3 | - .4 |
| PLASTICS MATERIALS AND SYNTHETICS | 13.0 | 13.2 | 13.9 | - .2 | - .9 |
| MISC. CHEMICAL PRODUCTS | 3.4 | 3.3 | 3.2 | .1 | .2 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 12.3 | 12.3 | 11.8 | .0 | .5 |
| MISC. PLASTICS PRODUCTS | 7.1 | 7.2 | 6.9 | - .1 | .2 |
| LEATHER & LEATHER PRODUCTS | 2.8 | 2.8 | 2.6 | .0 | .2 |

See footnote Table A-1.

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
## BRISTOL, VIRGINIA AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 29.4 | 29.4 | 28.9 | .0 | .5 |
| MANUFACTURING | 10.1 | 10.2 | 10.0 | - .1 | .1 |
| DURABLE GOODS | 4.8 | 4.9 | 5.0 | - .1 | - .2 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 0.2 | 0.2 | 0.2 | .0 | .0 |
| STONE, CLAY & GLASS PRODUCTS | 0.2 | 0.2 | 0.3 | .0 | - .1 |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.2 | 2.2 | 2.1 | .0 | .1 |
| FABRICATED METAL PRODUCTS | 1.7 | 1.7 | 1.6 | .0 | .1 |
| MACHINERY & TRANSPORTATION EQUIPMENT | 2.1 | 2.1 | 2.4 | .0 | - .3 |
| OTHER DURABLE GOODS | 0.1 | 0.1 | 0.1 | .0 | .0 |
| NONDURABLE GOODS | 5.3 | 5.3 | 5.0 | .0 | .3 |
| FOOD & KINDRED PRODUCTS | 1.6 | 1.6 | 1.6 | .0 | .0 |
| TEXTILE MILL PRODUCTS | 0.1 | 0.1 | 0.1 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 2.5 | 2.5 | 2.2 | .0 | .3 |
| PAPER & ALLIED PRODS. & PRINTING & PUBLISHING | 0.5 | 0.5 | 0.5 | .0 | .0 |
| OTHER NONDURABLE GOODS | 0.6 | 0.6 | 0.6 | .0 | .0 |
| NONMANUFACTURING | 19.3 | 19.2 | 18.9 | .1 | .4 |
| MINING | 0.0 | 0.1 | 0.1 | - .1 | - .1 |
| CONSTRUCTION | 1.1 | 1.1 | 1.1 | .0 | .0 |
| TRANSPORTATION & PUBLIC UTILITIES | 1.2 | 1.2 | 1.2 | .0 | .0 |
| WHOLESALE & RETAIL TRADE | 6.9 | 6.8 | 6.7 | .1 | .2 |
| WHOLESALE TRADE | 1.5 | 1.5 | 1.4 | .0 | .1 |
| RETAIL TRADE | 5.3 | 5.2 | 5.3 | .1 | .0 |
| FINANCE, INSURANCE AND REAL ESTATE | 1.1 | 1.0 | 1.1 | .1 | .0 |
| SERVICES | 4.1 | 4.1 | 3.9 | .0 | .2 |
| GOVERNMENT | 5.0 | 4.9 | 4.9 | .1 | .1 |
| FEDERAL GOVERNMENT | 0.6 | 0.6 | 0.6 | .0 | .0 |
| STATE & LOCAL GOVERNMENT | 4.4 | 4.4 | 4.3 | .0 | .1 |

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-6.
## CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 63.3 | 62.8 | 62.1 | .5 | 1.2 |
| MANUFACTURING | 9.5 | 9.4 | 10.1 | .1 | - .6 |
| DURABLE GOODS | 6.1 | 6.1 | 6.5 | .0 | - .4 |
| LUMBER AND WOOD PRODUCTS | 0.4 | 0.4 | 0.4 | .0 | .0 |
| FURNITURE AND FIXTURES | 0.4 | 0.4 | 0.4 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 4.5 | 4.5 | 4.9 | .0 | - .4 |
| OTHER DURABLE GOODS | 0.9 | 0.9 | 0.8 | .0 | .1 |
| NONDURABLE GOODS | 3.4 | 3.3 | 3.6 | .1 | - .2 |
| TEXTILE MILL PRODUCTS | 0.8 | 0.9 | 1.0 | - .1 | - .2 |
| PRINTING AND PUBLISHING | 0.8 | 0.8 | 0.7 | .0 | .1 |
| OTHER NONDURABLE GOODS | 1.7 | 1.7 | 1.9 | .0 | - .2 |
| NONMANUFACTURING | 53.8 | 53.4 | 52.0 | .4 | 1.8 |
| MINING | 0.1 | 0.1 | 0.1 | .0 | .0 |
| CONSTRUCTION | 3.6 | 3.8 | 3.2 | - .2 | .4 |
| TRANSPORTATION & PUBLIC UTILITIES | 1.8 | 1.8 | 2.0 | .0 | - .2 |
| WHOLESALE & RETAIL TRADE | 12.0 | 11.9 | 11.1 | .1 | .9 |
| WHOLESALE TRADE | 1.8 | 1.9 | 1.6 | - .1 | .2 |
| RETAIL TRADE | 10.2 | 10.0 | 9.5 | .2 | .7 |
| FINANCE, INSURANCE AND REAL ESTATE | 3.8 | 3.8 | 3.4 | .0 | .4 |
| SERVICES | 10.7 | 10.5 | 10.0 | .2 | .7 |
| BUSINESS SERVICES | 2.4 | 2.2 | 1.8 | .2 | .6 |
| HEALTH SERVICES | 1.8 | 1.8 | 1.9 | .0 | - .1 |
| GOVERNMENT | 21.7 | 21.6 | 22.2 | .1 | - .5 |
| FEDERAL GOVERNMENT | 1.3 | 1.3 | 1.2 | .0 | .1 |
| STATE & LOCAL GOVERNMENT | 20.4 | 20.3 | 21.0 | .1 | - .6 |

The Charlottesville Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the food and kindred products; tobacco; apparel and other textile products; paper and allied products; chemical and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
## DANVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | OCT. 1985 | NOV. 1984 |
| TOTAL NONAGRICULTURAL | 40.9 | 41.0 | 40.2 | - .1 | .7 |
| MANUFACTURING | 17.1 | 17.6 | 18.0 | - .5 | - .9 |
| DURABLE GOODS | 2.9 | 3.0 | 3.1 | - .1 | - .2 |
| LUMBER AND WOOD PRODUCTS | 1.1 | 1.1 | 1.1 | .0 | .0 |
| FABRICATED METAL PRODUCTS | 0.4 | 0.4 | 0.5 | .0 | - .1 |
| MACHINERY EXCEPT ELECTRICAL | 0.1 | 0.1 | 0.2 | .0 | - .1 |
| OTHER DURABLE GOODS | 1.3 | 1.3 | 1.3 | .0 | .0 |
| NONDURABLE GOODS | 14.1 | 14.5 | 14.9 | - .4 | - .8 |
| TOBACCO MANUFACTURES | 1.0 | 1.4 | 1.2 | - .4 | - .2 |
| TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS | 10.0 | 10.0 | 10.7 | .0 | - .7 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.1 | 1.0 | 1.0 | .1 | .1 |
| PRINTING AND PUBLISHING | 0.5 | 0.5 | 0.5 | .0 | .0 |
| OTHER NONDURABLE GOODS | 2.6 | 2.6 | 2.5 | .0 | .1 |
| NONMANUFACTURING | 23.9 | 23.4 | 22.3 | .5 | 1.6 |
| MINING | 0.1 | 0.1 | 0.1 | .0 | .0 |
| CONSTRUCTION | 1.5 | 1.5 | 1.6 | .0 | - .1 |
| TRANSPORTATION & PUBLIC UTILITIES | 1.1 | 1.1 | 1.0 | .0 | .1 |
| WHOLESALE & RETAIL TRADE | 8.9 | 8.6 | 7.9 | .3 | 1.0 |
| WHOLESALE TRADE | 1.4 | 1.4 | 1.3 | .0 | .1 |
| RETAIL TRADE | 7.5 | 7.2 | 6.6 | .3 | .9 |
| FINANCE, INSURANCE AND REAL ESTATE | 1.1 | 1.1 | 1.1 | .0 | .0 |
| SERVICES | 5.8 | 5.7 | 5.4 | .1 | .4 |
| GOVERNMENT | 5.4 | 5.3 | 5.3 | .1 | .1 |
| FEDERAL GOVERNMENT | 0.3 | 0.3 | 0.3 | .0 | .0 |
| STATE & LOCAL GOVERNMENT | 5.0 | 5.0 | 5.0 | .0 | .0 |

The Danville Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the food and kindred products; paper and allied products; chemicals and allied products; petroleum and coal products; and rubber and plastics products.

Table A-8.
## LYNCHBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | OCT. 1985 | NOV. 1984 |
| TOTAL NONAGRICULTURAL | 71.2 | 71.1 | 70.2 | 10.1 | 11.0 |
| MANUFACTURING | 25.2 | 25.5 | 26.3 | - .3 | - 1.1 |
| DURABLE GOODS | 15.7 | 16.0 | 16.9 | - .3 | - 1.2 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 3.0 | 3.0 | 3.0 | .0 | .0 |
| OTHER DURABLE GOODS | 12.7 | 13.0 | 13.9 | - .3 | - 1.2 |
| NONDURABLE GOODS | 9.6 | 9.5 | 9.4 | .1 | .2 |
| FOOD & KINDRED PRODUCTS | 1.4 | 1.4 | 1.4 | .0 | .0 |
| TEXTILE MILL PRODUCTS | 2.0 | 1.9 | 1.9 | .1 | .1 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.7 | 1.7 | 1.6 | .0 | .1 |
| PAPER & ALLIED PRODUCTS | 1.0 | 1.0 | 1.0 | .0 | .0 |
| OTHER NONDURABLE GOODS | 3.5 | 3.5 | 3.5 | .0 | .0 |
| NONMANUFACTURING | 45.9 | 45.6 | 43.9 | .3 | 2.0 |
| MINING | 0.1 | 0.1 | 0.1 | .0 | .0 |
| CONSTRUCTION | 2.9 | 3.0 | 2.6 | - .1 | .3 |
| TRANSPORTATION & PUBLIC UTILITIES | 3.3 | 3.3 | 3.1 | .0 | .2 |
| WHOLESALE & RETAIL TRADE | 14.3 | 13.9 | 13.1 | .4 | 1.2 |
| WHOLESALE TRADE | 2.2 | 2.3 | 2.3 | - .1 | - .1 |
| RETAIL TRADE | 12.0 | 11.6 | 10.9 | .4 | 1.1 |
| FINANCE, INSURANCE AND REAL ESTATE | 3.1 | 3.1 | 3.1 | .0 | .0 |
| SERVICES | 13.0 | 13.0 | 12.6 | .0 | .4 |
| GOVERNMENT | 9.2 | 9.2 | 9.3 | .0 | - .1 |
| FEDERAL GOVERNMENT | 0.5 | 0.5 | 0.5 | .0 | .0 |
| STATE & LOCAL GOVERNMENT | 8.7 | 8.7 | 8.8 | .0 | - .1 |

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

Table A-9.
## NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 516.9 | 513.3 | 490.2 | 3.6 | 26.7 |
| MANUFACTURING | 67.9 | 68.2 | 67.5 | - .3 | .4 |
| DURABLE GOODS | 49.6 | 49.8 | 49.5 | - .2 | .1 |
| LUMBER AND WOOD PRODUCTS | 1.6 | 1.6 | 1.6 | .0 | .0 |
| STONE, CLAY & GLASS PRODUCTS | 2.5 | 2.5 | 2.4 | .0 | .1 |
| FABRICATED METAL PRODUCTS | 1.5 | 1.5 | 1.5 | .0 | .0 |
| MACHINERY EXCEPT ELECTRICAL | 2.3 | 2.4 | 2.4 | - .1 | - .1 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 2.0 | 2.0 | 3.1 | .0 | - 1.1 |
| TRANSPORTATION EQUIPMENT | 37.2 | 37.2 | 36.1 | .0 | 1.1 |
| OTHER DURABLE GOODS | 2.5 | 2.6 | 2.5 | - .1 | .0 |
| NONDURABLE GOODS | 18.3 | 18.5 | 18.0 | - .2 | .3 |
| FOOD & KINDRED PRODUCTS | 7.6 | 7.8 | 7.5 | - .2 | .1 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.4 | 1.4 | 1.2 | .0 | .2 |
| PRINTING AND PUBLISHING | 4.4 | 4.3 | 4.1 | .1 | .3 |
| CHEMICALS & ALLIED PRODUCTS | 1.8 | 1.8 | 1.9 | .0 | - .1 |
| OTHER NONDURABLE GOODS | 3.2 | 3.2 | 3.2 | .0 | .0 |
| NONMANUFACTURING | 448.9 | 445.1 | 422.7 | 3.8 | 26.2 |
| MINING | 0.1 | 0.1 | 0.1 | .0 | .0 |
| CONSTRUCTION | 32.9 | 33.1 | 31.2 | - .2 | 1.7 |
| TRANSPORTATION & PUBLIC UTILITIES | 25.7 | 25.5 | 24.5 | .2 | 1.2 |
| RAILROAD TRANSPORTATION | 2.0 | 2.0 | 2.1 | .0 | - .1 |
| WHOLESALE & RETAIL TRADE | 128.7 | 125.6 | 118.6 | 3.1 | 10.1 |
| WHOLESALE TRADE | 21.9 | 21.8 | 21.4 | .1 | .5 |
| RETAIL TRADE | 106.8 | 103.9 | 97.2 | 2.9 | 9.6 |
| FINANCE, INSURANCE AND REAL ESTATE | 22.0 | 21.8 | 21.2 | .2 | .8 |
| BANKING | 6.0 | 6.1 | 5.9 | - .1 | .1 |
| INS CARRIERS, AGENTS, BROKERS, & SERVICES | 3.8 | 3.8 | 3.8 | .0 | .0 |
| SERVICES | 111.9 | 112.3 | 103.6 | - .4 | 8.3 |
| PERSONAL SERVICES | 7.6 | 7.4 | 6.6 | .2 | 1.0 |
| GOVERNMENT | 127.7 | 126.7 | 123.5 | 1.0 | 4.2 |
| FEDERAL GOVERNMENT | 56.6 | 56.4 | 55.3 | .2 | 1.3 |
| STATE & LOCAL GOVERNMENT | 71.1 | 70.3 | 68.2 | .8 | 2.9 |

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; primary metal; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; textile mill products; paper and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-10.
## NORTHERN VIRGINIA AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 636.0 | 629.4 | 589.7 | 6.6 | 46.3 |
| MANUFACTURING | 32.8 | 32.2 | 30.1 | .6 | 2.7 |
| DURABLE GOODS | 19.6 | 19.5 | 18.2 | .1 | 1.4 |
| STONE, CLAY & GLASS PRODUCTS | 1.7 | 1.7 | 1.4 | .0 | .3 |
| FABRICATED METAL PRODUCTS | 1.1 | 1.1 | 1.1 | .0 | .0 |
| MACHINERY EXCEPT ELECTRICAL | 1.8 | 1.8 | 1.9 | .0 | - .1 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 12.3 | 12.2 | 11.2 | .1 | 1.1 |
| OTHER DURABLE GOODS | 2.8 | 2.7 | 2.6 | .1 | .2 |
| NONDURABLE GOODS | 13.1 | 12.7 | 11.9 | .4 | 1.2 |
| FOOD & KINDRED PRODUCTS | 1.5 | 1.4 | 1.3 | .1 | .2 |
| PRINTING AND PUBLISHING | 9.8 | 9.4 | 8.6 | .4 | 1.2 |
| OTHER NONDURABLE GOODS | 1.9 | 1.9 | 1.9 | .0 | .0 |
| NONMANUFACTURING | 603.2 | 597.2 | 559.6 | 6.0 | 43.6 |
| MINING | 0.4 | 0.4 | 0.5 | .0 | - .1 |
| CONSTRUCTION | 44.8 | 44.6 | 38.0 | .2 | 6.8 |
| TRANSPORTATION & PUBLIC UTILITIES | 42.8 | 43.1 | 39.6 | - .3 | 3.2 |
| TRANSPORTATION BY AIR | 11.5 | 11.6 | 11.0 | - .1 | .5 |
| ELECTRIC, GAS & SANITARY SERVICES | 4.1 | 4.1 | 4.1 | .0 | .0 |
| WHOLESALE & RETAIL TRADE | 145.6 | 142.1 | 135.1 | 3.5 | 10.5 |
| WHOLESALE TRADE | 28.7 | 28.6 | 27.6 | .1 | 1.1 |
| RETAIL TRADE | 116.9 | 113.4 | 107.5 | 3.5 | 9.4 |
| GENERAL MERCHANDISE STORES | 15.0 | 13.9 | 14.5 | 1.1 | .5 |
| FOOD STORES | 13.1 | 13.2 | 13.6 | - .1 | - .5 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 14.1 | 14.0 | 13.5 | .1 | .6 |
| APPAREL & ACCESSORY STORES | 7.4 | 7.3 | 7.0 | .1 | .4 |
| FINANCE, INSURANCE AND REAL ESTATE | 39.2 | 38.8 | 35.3 | .4 | 3.9 |
| BANKING | 6.7 | 6.6 | 6.5 | .1 | .2 |
| SERVICES | 183.4 | 182.1 | 169.9 | 1.3 | 13.5 |
| BUSINESS SERVICES | 72.5 | 72.1 | 68.7 | .4 | 3.8 |
| GOVERNMENT | 147.0 | 146.0 | 141.2 | 1.0 | 5.8 |
| FEDERAL GOVERNMENT | 77.1 | 77.2 | 75.5 | - .1 | 1.6 |
| STATE & LOCAL GOVERNMENT | 69.9 | 68.8 | 65.6 | 1.1 | 4.3 |

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; transportation equipment; instruments and related products; and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco; textile mill products; apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.



See footnote Table A-1.

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

## RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 396.3 | 396.6 | 386.2 | - .3 | 10.1 |
| MANUFACTURING | 62.1 | 63.2 | 64.1 | - 1.1 | - 2.0 |
| DURABLE GOODS | 17.0 | 17.1 | 18.0 | - .1 | - 1.0 |
| LUMBER AND WOOD PRODUCTS | 1.9 | 1.9 | 1.7 | .0 | .2 |
| FURNITURE AND FIXTURES | 0.8 | 0.8 | 0.9 | .0 | - .1 |
| STONE, CLAY & GLASS PRODUCTS | 1.4 | 1.3 | 1.5 | .1 | - .1 |
| FABRICATED METAL PRODUCTS | 1.8 | 1.9 | 2.1 | - .1 | - .3 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.2 | 1.2 | 1.4 | .0 | - .2 |
| MACHINERY EXCEPT ELECTRICAL | 2.2 | 2.2 | 2.4 | .0 | - .2 |
| OTHER DURABLE GOODS | 9.0 | 9.0 | 9.4 | .0 | - .4 |
| NONDURABLE GOODS | 45.1 | 46.0 | 46.1 | - .9 | - 1.0 |
| FOOD & KINDRED PRODUCTS | 4.2 | 4.2 | 4.2 | .0 | .0 |
| TOBACCO MANUFACTURES | 14.9 | 15.5 | 15.1 | - .6 | - .2 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.7 | 2.0 | 2.3 | - .3 | - .6 |
| PAPER & ALLIED PRODUCTS | 4.9 | 4.9 | 4.7 | .0 | .2 |
| PRINTING AND PUBLISHING | 6.8 | 6.8 | 6.3 | .0 | .5 |
| COMMERCIAL PRINTING | 4.0 | 4.0 | 3.6 | .0 | .4 |
| CHEMICALS & ALLIED PRODUCTS | 9.8 | 10.0 | 10.0 | - .2 | - 1.0 |
| OTHER NONDURABLE GOODS | 2.7 | 2.7 | 2.7 | .0 | .0 |
| NONMANUFACTURING | 334.3 | 333.5 | 322.1 | .8 | 12.2 |
| MINING | 0.3 | 0.3 | 0.3 | .0 | .0 |
| CONSTRUCTION | 24.5 | 24.3 | 21.5 | .2 | 3.0 |
| TRANSPORTATION & PUBLIC UTILITIES | 21.0 | 20.9 | 21.8 | .1 | - .8 |
| WHOLESALE & RETAIL TRADE | 93.6 | 93.0 | 92.4 | .6 | 1.2 |
| WHOLESALE TRADE | 25.2 | 25.4 | 25.4 | - .2 | - .2 |
| RETAIL TRADE | 68.4 | 67.6 | 67.0 | .8 | 1.4 |
| GENERAL MERCHANDISE STORES | 13.5 | 13.0 | 13.1 | .5 | .4 |
| FOOD STORES | 11.2 | 10.9 | 11.1 | .3 | .1 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 7.1 | 7.3 | 7.2 | - .2 | - .1 |
| FINANCE, INSURANCE AND REAL ESTATE | 31.2 | 31.0 | 29.6 | .2 | 1.6 |
| INS CARRIERS, AGENTS, BROKERS, & SERVICES | 11.2 | 11.3 | 11.3 | - .1 | - .1 |
| SERVICES | 75.5 | 76.0 | 71.0 | - .5 | 4.5 |
| HEALTH SERVICES | 18.8 | 18.8 | 18.9 | .0 | - .1 |
| GOVERNMENT | 88.1 | 88.0 | 85.5 | .1 | 2.6 |
| FEDERAL GOVERNMENT | 16.4 | 16.5 | 15.1 | - .1 | 1.3 |
| STATE & LOCAL GOVERNMENT | 71.6 | 71.5 | 70.4 | .1 | 1.2 |

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-12.

## ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS NOV. 1985 | OCT. 1985 | NOV. 1984 | NET CHANGE FROM OCT. 1985 | NOV. 1984 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 113.5 | 112.9 | 109.2 | .6 | 4.3 |
| MANUFACTURING | 20.4 | 20.5 | 21.3 | - .1 | - .9 |
| DURABLE GOODS | 11.5 | 11.5 | 11.9 | .0 | - .4 |
| FURNITURE AND FIXTURES | 1.5 | 1.5 | 1.5 | .0 | .0 |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.5 | 2.5 | 2.6 | .0 | - .1 |
| FABRICATED METAL PRODUCTS | 1.8 | 1.7 | 1.8 | .1 | .0 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.2 | 1.1 | 1.2 | .1 | .0 |
| MACHINERY EXCEPT ELECTRICAL | 1.5 | 1.4 | 1.8 | .1 | - .3 |
| OTHER DURABLE GOODS | 6.1 | 6.1 | 6.0 | .0 | .1 |
| NONDURABLE GOODS | 8.9 | 9.0 | 9.4 | - .1 | - .5 |
| FOOD & KINDRED PRODUCTS | 1.8 | 1.8 | 1.9 | .0 | - .1 |
| TEXTILE MILL PRODUCTS | 1.4 | 1.4 | 1.7 | .0 | - .3 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.8 | 1.8 | 1.7 | .0 | .1 |
| PRINTING AND PUBLISHING | 1.2 | 1.2 | 1.2 | .0 | .0 |
| OTHER NONDURABLE GOODS | 2.7 | 2.8 | 2.8 | - .1 | - .1 |
| NONMANUFACTURING | 93.0 | 92.3 | 87.9 | .7 | 5.1 |
| MINING | 0.1 | 0.1 | 0.1 | .0 | .0 |
| CONSTRUCTION | 6.7 | 6.7 | 5.8 | .0 | .9 |
| TRANSPORTATION & PUBLIC UTILITIES | 8.5 | 8.5 | 8.2 | .0 | .3 |
| WHOLESALE & RETAIL TRADE | 29.7 | 29.2 | 28.3 | .5 | 1.4 |
| WHOLESALE TRADE | 8.0 | 7.9 | 7.8 | .1 | .2 |
| RETAIL TRADE | 21.7 | 21.3 | 20.6 | .4 | 1.1 |
| FINANCE, INSURANCE AND REAL ESTATE | 6.7 | 6.7 | 6.5 | .0 | .2 |
| SERVICES | 26.9 | 26.8 | 24.5 | .1 | 2.4 |
| GOVERNMENT | 14.5 | 14.4 | 14.5 | .1 | .1 |
| FEDERAL GOVERNMENT | 3.4 | 3.4 | 3.2 | .0 | .2 |
| STATE & LOCAL GOVERNMENT | 11.1 | 11.0 | 11.3 | .1 | - .2 |

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

# HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $357.57 | $348.71 | $332.07 | 41.1 | 40.5 | 40.3 | $8.70 | $8.61 | $8.24 |
| DURABLE GOODS | 358.56 | 353.12 | 330.48 | 41.5 | 41.3 | 40.7 | 8.64 | 8.55 | 8.12 |
| LUMBER AND WOOD PRODUCTS | 247.35 | 244.83 | 241.19 | 39.2 | 38.8 | 39.8 | 6.31 | 6.31 | 6.06 |
| FURNITURE AND FIXTURES | 219.40 | 228.10 | 217.34 | 38.9 | 40.3 | 40.7 | 5.64 | 5.66 | 5.34 |
| HOUSEHOLD AND OFFICE FURNITURE | 217.49 | 226.73 | 215.87 | 38.7 | 40.2 | 40.5 | 5.62 | 5.64 | 5.33 |
| STONE, CLAY & GLASS PRODUCTS | 335.12 | 324.66 | 305.72 | 42.1 | 42.0 | 40.6 | 7.96 | 7.73 | 7.53 |
| PRIMARY METAL INDUSTRIES | 417.06 | 399.61 | 390.40 | 42.0 | 41.8 | 41.4 | 9.93 | 9.56 | 9.43 |
| FABRICATED METAL PRODUCTS | 386.26 | 382.24 | 371.47 | 42.4 | 42.9 | 42.6 | 9.11 | 8.91 | 8.72 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 352.30 | 357.14 | 351.05 | 42.6 | 43.5 | 43.5 | 8.27 | 8.21 | 8.07 |
| MACHINERY EXCEPT ELECTRICAL | 366.68 | 358.60 | 344.43 | 41.2 | 39.8 | 41.2 | 8.90 | 9.01 | 8.36 |
| CONSTRUCTION AND RELATED MACHINERY | 356.51 | 342.95 | 329.80 | 41.6 | 40.3 | 41.8 | 8.57 | 8.51 | 7.89 |
| SPECIAL INDUSTRY MACHINERY | 410.02 | 408.53 | 384.99 | 42.8 | 41.1 | 41.0 | 9.58 | 9.94 | 9.39 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 347.33 | 345.23 | 360.37 | 40.2 | 39.5 | 40.4 | 8.64 | 8.74 | 8.92 |
| COMMUNICATION EQUIPMENT | 354.03 | 346.33 | 397.57 | 40.6 | 39.4 | 41.5 | 8.72 | 8.79 | 9.58 |
| INSTRUMENTS & RELATED PRODUCTS | 246.64 | 258.55 | 227.29 | 39.4 | 39.9 | 34.7 | 6.26 | 6.48 | 6.55 |
| MISC. MANUFACTURING INDUSTRIES | 275.18 | 274.01 | 254.48 | 39.2 | 39.2 | 37.7 | 7.02 | 6.99 | 6.75 |
| NONDURABLE GOODS | 356.13 | 344.67 | 333.60 | 40.7 | 39.8 | 40.0 | 8.75 | 8.66 | 8.34 |
| FOOD & KINDRED PRODUCTS | 343.96 | 310.47 | 294.91 | 42.1 | 39.3 | 38.4 | 8.17 | 7.90 | 7.68 |
| TEXTILE MILL PRODUCTS | 264.91 | 260.74 | 247.76 | 38.9 | 38.8 | 38.0 | 6.81 | 6.72 | 6.52 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 300.24 | 295.65 | 265.95 | 41.7 | 41.7 | 39.4 | 7.20 | 7.09 | 6.75 |
| KNITTING MILLS | 231.70 | 227.55 | 230.33 | 35.0 | 34.9 | 35.6 | 6.62 | 6.52 | 6.47 |
| MISC. TEXTILE GOODS | 312.29 | 308.77 | 268.87 | 43.8 | 44.3 | 40.8 | 7.13 | 6.97 | 6.59 |
| APPAREL & OTHER TEXTILE PRODUCTS | 207.97 | 205.25 | 186.07 | 38.3 | 37.8 | 36.7 | 5.43 | 5.43 | 5.07 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 218.06 | 211.44 | 202.94 | 38.8 | 36.9 | 37.1 | 5.62 | 5.73 | 5.47 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 198.02 | 192.91 | 171.48 | 38.6 | 38.2 | 36.1 | 5.13 | 5.05 | 4.75 |
| PAPER & ALLIED PRODUCTS | 491.89 | 467.46 | 470.98 | 45.8 | 44.1 | 45.2 | 10.74 | 10.60 | 10.42 |
| PULP, PAPER & PAPERBOARD | 625.62 | 572.76 | 579.26 | 48.8 | 44.4 | 45.9 | 12.82 | 12.90 | 12.62 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 380.18 | 380.61 | 379.06 | 43.4 | 43.9 | 44.7 | 8.76 | 8.67 | 8.48 |
| PRINTING AND PUBLISHING | 399.52 | 390.01 | 393.86 | 39.4 | 38.5 | 41.9 | 10.14 | 10.13 | 9.40 |
| NEWSPAPER AND PERIODICALS | 322.34 | 311.31 | 327.53 | 36.3 | 34.9 | 39.7 | 8.88 | 8.92 | 8.25 |
| CHEMICALS & ALLIED PRODUCTS | 464.30 | 449.92 | 444.99 | 40.8 | 40.1 | 40.9 | 11.38 | 11.22 | 10.88 |
| PLASTICS MATERIALS AND SYNTHETICS | 479.85 | 471.11 | 461.45 | 40.7 | 40.3 | 40.8 | 11.79 | 11.69 | 11.31 |
| LEATHER & LEATHER PRODUCTS | 183.31 | 169.13 | 163.13 | 40.2 | 37.5 | 37.5 | 4.56 | 4.51 | 4.35 |

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $275.65 | $273.36 | $259.16 | 37.2 | 36.4 | 38.0 | $7.41 | $7.51 | $6.82 |
| DURABLE GOODS | 343.14 | 344.66 | 304.54 | 39.9 | 39.3 | 38.5 | 8.60 | 8.77 | 7.91 |
| FABRICATED METAL PRODUCTS | 424.15 | 441.44 | 397.03 | 42.8 | 44.1 | 41.4 | 9.91 | 10.01 | 9.59 |
| MACHINERY & TRANSPORTATION EQUIPMENT | 298.89 | 283.72 | 256.86 | 36.9 | 34.6 | 34.9 | 8.10 | 8.20 | 7.36 |
| NONDURABLE GOODS | 207.00 | 200.00 | 204.95 | 34.5 | 33.5 | 37.4 | 6.00 | 5.97 | 5.48 |
| FOOD & KINDRED PRODUCTS | 232.88 | 232.43 | 217.15 | 33.8 | 34.9 | 34.8 | 6.85 | 6.65 | 6.24 |
| APPAREL & OTHER TEXTILE PRODUCTS | 182.78 | 163.08 | 184.99 | 33.6 | 30.2 | 37.6 | 5.44 | 5.40 | 4.92 |

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7400 production workers.



Table C-3.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $287.75 | $285.82 | $272.44 | 40.7 | 40.2 | 39.2 | $7.07 | $7.11 | $6.95 |
| DURABLE GOODS | 293.35 | 287.36 | 284.20 | 40.8 | 39.8 | 39.2 | 7.19 | 7.22 | 7.25 |
| LUMBER AND WOOD PRODUCTS | 224.66 | 212.04 | 192.96 | 40.7 | 38.0 | 40.2 | 5.52 | 5.58 | 4.80 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 310.90 | 293.92 | 295.57 | 41.9 | 39.4 | 39.2 | 7.42 | 7.46 | 7.54 |
| NONDURABLE GOODS | 279.05 | 284.95 | 254.93 | 40.5 | 41.0 | 39.1 | 6.89 | 6.95 | 6.52 |
| PRINTING AND PUBLISHING | 266.08 | 280.85 | 264.49 | 36.3 | 37.8 | 37.2 | 7.33 | 7.43 | 7.11 |

Data for the Charlottesville Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 6500 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-4.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
## DANVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $324.72 | $317.16 | $291.06 | 41.0 | 40.3 | 39.6 | $7.92 | $7.87 | $7.35 |
| DURABLE GOODS | 308.92 | 291.41 | 277.59 | 40.5 | 38.7 | 38.5 | 7.43 | 7.53 | 7.21 |
| LUMBER AND WOOD PRODUCTS | 226.61 | 192.36 | 214.65 | 42.2 | 36.5 | 41.2 | 5.37 | 5.27 | 5.21 |
| FABRICATED METAL PRODUCTS | 260.83 | 258.70 | 236.86 | 39.4 | 39.8 | 37.3 | 6.62 | 6.50 | 6.35 |
| MACHINERY EXCEPT ELECTRICAL | 259.00 | 247.68 | 250.25 | 37.7 | 36.0 | 41.5 | 6.87 | 6.88 | 6.03 |
| NONDURABLE GOODS | 329.21 | 321.96 | 254.46 | 41.1 | 40.6 | 39.9 | 8.01 | 7.93 | 7.38 |
| APPAREL & OTHER TEXTILE PRODUCTS | 293.02 | 279.30 | 236.39 | 44.6 | 42.0 | 36.2 | 6.57 | 6.65 | 6.53 |

Data for the Danville Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,200 production workers.



Table C-5.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
## LYNCHBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $324.72 | $325.22 | $315.62 | 39.6 | 40.3 | 39.7 | $8.20 | $8.07 | $7.95 |
| DURABLE GOODS | 331.78 | 341.25 | 329.22 | 38.4 | 40.1 | 40.1 | 8.64 | 8.51 | 8.21 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 206.62 | 210.37 | 204.44 | 36.7 | 38.6 | 38.5 | 5.63 | 5.45 | 5.31 |
| NONDURABLE GOODS | 315.53 | 302.13 | 254.06 | 41.3 | 40.5 | 39.0 | 7.64 | 7.46 | 7.54 |
| FOOD & KINDRED PRODUCTS | 351.05 | 365.75 | 340.05 | 41.3 | 41.8 | 40.1 | 8.50 | 8.75 | 8.48 |
| TEXTILE MILL PRODUCTS | 261.32 | 294.88 | 258.84 | 38.6 | 41.3 | 39.1 | 6.77 | 7.14 | 6.62 |
| APPAREL & OTHER TEXTILE PRODUCTS | 158.00 | 152.74 | 144.82 | 37.8 | 37.9 | 33.6 | 4.18 | 4.03 | 4.31 |
| PAPER & ALLIED PRODUCTS | 675.53 | 482.78 | 523.65 | 61.3 | 47.1 | 46.3 | 11.02 | 10.25 | 11.31 |

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 18,100 production workers.

See footnote Table C-1.
'1985 data not comparable to prior years.

Table C-6.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $367.20 | $366.53 | $354.41 | 40.8 | 40.5 | 41.5 | $9.00 | $9.05 | $8.54 |
| DURABLE GOODS | 354.48 | 351.54 | 329.93 | 42.1 | 41.9 | 41.5 | 8.42 | 8.39 | 7.95 |
| STONE, CLAY & GLASS PRODUCTS | 351.92 | 336.66 | 332.42 | 43.5 | 42.4 | 41.5 | 8.09 | 7.94 | 8.01 |
| FABRICATED METAL PRODUCTS | 406.73 | 428.16 | 373.20 | 44.5 | 45.5 | 43.7 | 9.14 | 9.41 | 8.54 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 325.18 | 324.39 | 309.67 | 40.8 | 40.6 | 41.4 | 7.97 | 7.99 | 7.48 |
| NONDURABLE GOODS | 381.81 | 385.61 | 366.68 | 39.0 | 38.6 | 41.4 | 9.79 | 9.99 | 9.34 |
| FOOD & KINDRED PRODUCTS | 289.77 | 297.18 | 354.53 | 39.0 | 39.0 | 43.5 | 7.43 | 7.62 | 8.15 |

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,300 production workers.



Table C-7.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $450.20 | $448.15 | $447.43 | 39.7 | 39.8 | 41.2 | $11.34 | $11.26 | $10.86 |
| DURABLE GOODS | 338.82 | 346.53 | 362.10 | 40.1 | 41.6 | 42.4 | 8.23 | 8.33 | 8.54 |
| LUMBER AND WOOD PRODUCTS | 257.04 | 259.72 | 227.26 | 42.0 | 43.0 | 40.8 | 6.12 | 6.04 | 5.57 |
| FURNITURE AND FIXTURES | 201.17 | 212.10 | 218.12 | 38.1 | 40.4 | 41.0 | 5.28 | 5.25 | 5.32 |
| FABRICATED METAL PRODUCTS | 324.38 | 343.94 | 376.13 | 37.2 | 39.9 | 41.7 | 8.72 | 8.62 | 9.02 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 325.58 | 368.68 | 420.87 | 37.2 | 41.8 | 46.3 | 8.75 | 8.82 | 9.09 |
| NONDURABLE GOODS | 484.78 | 476.71 | 473.62 | 39.6 | 39.3 | 40.9 | 12.24 | 12.13 | 11.58 |
| FOOD & KINDRED PRODUCTS | 333.31 | 300.61 | 300.30 | 41.2 | 38.1 | 38.5 | 8.09 | 7.89 | 7.80 |
| APPAREL & OTHER TEXTILE PRODUCTS | 205.52 | 218.66 | 195.32 | 37.3 | 38.7 | 38.0 | 5.51 | 5.65 | 5.14 |
| PAPER & ALLIED PRODUCTS | 478.64 | 472.59 | 493.43 | 44.4 | 44.5 | 47.4 | 10.68 | 10.62 | 10.41 |
| PRINTING AND PUBLISHING | 435.11 | 401.28 | 464.83 | 40.4 | 38.4 | 43.2 | 10.77 | 10.45 | 10.76 |
| CHEMICALS & ALLIED PRODUCTS | 566.77 | 541.93 | 526.73 | 41.4 | 41.4 | 44.6 | 13.69 | 13.09 | 11.81 |

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 46,400 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-8.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 | NOV. 1985 | OCT. 1985 | NOV. 1984 |
| MANUFACTURING | $336.11 | $317.34 | $316.08 | 42.6 | 41.7 | 42.2 | $7.89 | $7.61 | $7.49 |
| DURABLE GOODS | 335.86 | 326.06 | 318.00 | 42.3 | 42.4 | 42.8 | 7.94 | 7.69 | 7.43 |
| FABRICATED METAL PRODUCTS | 309.12 | 318.12 | 309.31 | 42.0 | 43.4 | 43.2 | 7.36 | 7.33 | 7.16 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 319.12 | 319.85 | 296.10 | 43.3 | 44.3 | 42.0 | 7.37 | 7.22 | 7.05 |
| NONDURABLE GOODS | 335.91 | 306.00 | 313.74 | 42.9 | 40.8 | 41.5 | 7.83 | 7.50 | 7.56 |
| FOOD & KINDRED PRODUCTS | 402.12 | 385.37 | 354.48 | 45.8 | 44.5 | 42.0 | 8.78 | 8.66 | 8.44 |
| TEXTILE MILL PRODUCTS | 369.09 | 246.72 | 266.91 | 48.5 | 39.1 | 42.1 | 7.61 | 6.31 | 6.34 |

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,800 production workers.

See footnote Table C-1.



## CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

### ALL ITEMS—(1967 = 100)

| Year | Jan. | Feb. | March | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. | Ann. Avg. Change |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1978 | 187.2 | 188.4 | 189.8 | 191.5 | 193.3 | 195.3 | 196.7 | 197.8 | 199.3 | 200.9 | 202.0 | 202.9 | 195.4 | 7.78 |
| 1979 | 204.7 | 207.1 | 209.1 | 211.5 | 214.1 | 216.6 | 218.9 | 221.1 | 223.4 | 225.4 | 227.5 | 229.9 | 217.4 | 11.3 |
| 1980 | 233.2 | 236.4 | 239.8 | 242.5 | 244.9 | 247.6 | 247.8 | 249.4 | 251.7 | 253.9 | 256.2 | 258.4 | 246.8 | 13.5 |
| 1981 | 260.5 | 263.2 | 265.1 | 266.8 | 269.0 | 271.3 | 274.4 | 276.5 | 279.3 | 279.9 | 280.7 | 281.5 | 272.4 | 10.4 |
| 1982 | 282.5 | 283.4 | 283.1 | 284.3 | 287.1 | 290.6 | 292.2 | 292.8 | 293.3 | 294.1 | 293.6 | 292.4 | 289.1 | 6.1 |
| 1983 | 293.1 | 293.2 | 293.4 | 295.5 | 297.1 | 298.1 | 299.3 | 300.3 | 301.8 | 302.6 | 303.1 | 303.5 | 298.4 | 3.2 |
| 1984 | 305.2 | 306.6 | 307.3 | 308.8 | 309.7 | 310.7 | 311.7 | 313.0 | 314.5 | 315.3 | 315.3 | 315.5 | 311.1 | 4.3 |
| 1985 | 316.1 | 317.4 | 318.8 | 320.1 | 321.3 | 322.3 | 322.8 | 323.5 | 324.5 | 325.5 | 326.6 | | | |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

## EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 41.9 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 1.1 percent adjustment in benchmark levels for the first quarter 1983 benchmark.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to

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